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July 6, 2001



BOX PATENT APPLICATION Commissioner for Patents Washington, D.C. 20231

> Re: Application of Maria Cândida de Carvalho Ferreira

> > LINEAR AND NON-LINEAR GENETIC ALGORITHMS FOR SOLVING PROBLEMS SUCH AS OPTIMIZATION, FUNCTION FINDING, PLANNING

AND LOGIC SYNTHESIS

Assignee: None Our Ref. 064189

Dear Sir:

Attached hereto is the application identified above including 22 sheets of the specification, including the claims and abstract, 25 sheet(s) of drawings, and executed Declaration and Power of Attorney. The Assignment will be filed at a later date.

Applicant claims benefit of small entity status in accordance with 37 CFR § 1.27.

The Government filing fee is calculated as follows (Small Entity fees apply):

Total claims	15	20	***	X	\$9.00	=	\$.00
Independent claims	3	3	=	X	\$40.00	=	\$.00
Base Fee							\$355.00

TOTAL FEE \$355.00

A check for the statutory filing fee of \$355.00 is attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from August 10, 2000 based on Portugal Application No. PT 102508. The priority document is enclosed herewith.

> Respectfully submitted, SUGHRUE, MION, ZINN,

> > MACPEAK & SEAS, PLLC

Attorneys for Applicant

By: William H. Mandir

Registration No. 32,156